



IFW
2678

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Starkweather et al. Attorney Docket No. 167407.1
Application No.: 10/086,397 Group Art Unit: 2675
Filed: March 1, 2002 Examiner: M.-H. Liu
Title: REFLECTIVE MICROELECTRICAL MECHANICAL STRUCTURE
(MEMS) OPTICAL MODULATOR AND OPTICAL DISPLAY SYSTEM

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

October 1, 2004

TO THE COMMISSIONER FOR PATENTS:

A. Information Disclosure Statement

Transmitted herewith is an information disclosure statement and cited references in the above-identified application.

B. Additional Fee Charges or Credit for Overpayment

The Commissioner is hereby authorized to charge the information disclosure statement fee in the total amount of **\$180.00** and any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 50-0463. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this sheet is enclosed.

Respectfully submitted,

MICROSOFT CORPORATION

Carole A. Boelitz
Registration No. 48,958
Direct Dial No. 425.722.6035

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: 10/1/2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Starkweather et al.

Serial No: 10/086,397

Confirmation No: 1318

Filed: March 1, 2002

For: REFLECTIVE MICROELECTRICAL MECHANICAL STRUCTURE (MEMS)
OPTICAL MODULATOR AND OPTICAL DISPLAY SYSTEM

Examiner: M.-H. Liu

Art Unit:

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(A)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 1 day of October, 2004.


Signed: Carole A Boelitz

Mail Stop Amendments
Commissioner for Patent
PO Box 1450
Alexandria VA 22313-1450
Washington, D.C. 20231

**STATEMENT FILED PURSUANT TO
THE DUTY OF DISCLOSURE UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. § 1.97

This Information Disclosure Statement has been filed more than three (3) months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in this application. The Commissioner is hereby authorized to charge the fee of 180.00 as set forth in 37 C.F.R. § 1.17(p) and any fees under 37 C.F.R. §§ 1.16, 1.17

10/06/2004 SSESHE1 00000043 500463 10086397
01 FC:1806 180.00 DA

and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 50-0463**. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application.

PART II: Additional Information

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>
09/544799	04/07/2000	Jeremy Levitan and Michael Sinclair

PART III: Remarks

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO/SB/08A. The order of presentation of the references should not be construed as an indication of the importance of the references. Documents cited on the attached form PTO/SB/08A are enclosed unless otherwise indicated on the attached form PTO/SB/08A. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO/SB/08A be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. § 102.

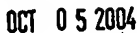
Notwithstanding any statement by the Applicant, the Applicant urges the Examiner to form his own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Respectfully submitted,
Starkweather et al., Applicant



By: _____
Carole A. Boelitz, Reg. No. 48,958
Microsoft Corporation Redmond,
Washington
Telephone (425) 722-6035

Docket No. MS167407.01
Dated: October 1, 2004



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/086.397
--------------------	------------

Filing Date	Herewith
-------------	----------

First Named Inventor	Starkweather
----------------------	--------------

Art Unit	2675
----------	------

Examiner Name	M.-H. Liu
---------------	-----------

Attorney Docket Number	167407.01
------------------------	-----------

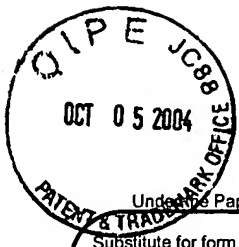
U. S. PATENT DOCUMENTS

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/086,397

Filing Date Herewith

First Named Inventor Starkweather

Art Unit 2675

Examiner Name M.-H. Liu

Attorney Docket Number 167407.01

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Why is the Texas Instruments Digital Micromirror Device (TM) (DMD TM) so reliable?, http://www.dlp.com/dlp_technology/images/dynamic/white_papers/135_Myth.pdf , pp. 1-7	
		MARKANDEY et al., Video Processing for DLP(TM) Display Systems, http://www.dlp.com/dlp_technology/images/dynamic/white_papers/131_vproc.pdf , pp. 1-12	
		HALL, Control and Characterization of Line-Addressable Micromirror Arrays, March 2001, http://www.stormingmedia.us/13/1302/A130293.html	
		SOIMUMPs: Silicon-On-Insulator Multi User MEMS Processes, http://www.memsrus.com/figs/soimumps.pdf , pp. 1-2	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.